NI_RBR

paragr	release		req_titl		req_cat	funct_s	text	interpretation
aph_id		n t	e	рe		tatus		
NI-	A	FOS	Commu	TBD	TBD	partiall		
0010#		SDPS	nicatio			y met	ECS shall have	
A		CSMS	ns with				the capability	
			TDRSS				to communicate	
							with the TDRSS	
							via the	
							EDOS/Ecom	
							interface.	
NI-	В	FOS	Commu	TBD	TBD	all		
0010#		SDPS	nicatio			functio	ECS shall have	
В		CSMS	ns with			nality	the capability	
			TDRSS			comple	to communicate	
						te	with the TDRSS	
							via the	
							EDOS/Ecom	
							interface.	

NI-	A	FOS	Comma	interfa	TBD	partiall	
0020#		CSMS	nding	ce	IDD	y met	ECS shall have
A		Colvid	via			y inct	the capability
A			TDRSS				to communicate
			ממתנו				with the TDRSS
							l
							for transmitting
							commands to
							EOS spacecraft
							(via the
							EDOS/Ecom
							interface).
							Mission-specific
							requirements
							for supporting
							EOS spacecraft
							command
							operations will
							be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							l
							Requirements
							documents.

NI-	В	FOS	Comma	interfa	TBD	all		
0020#		CSMS	nding	ce		functio	ECS shall have	
В			via			nality	the capability	
			TDRSS			comple		
						te	with the TDRSS	
							for transmitting	
							commands to	
							EOS spacecraft	
							(via the	
							EDOS/Ecom	
							interface).	
							Mission-specific	
							requirements	
							for supporting	
							EOS spacecraft	
							command	
							operations will	
							b e	
							documented in	
							the EOS	
							mission-level	
							Detailed	
							Mission	
							Requirements	
							documents.	

NI-	A	FOS	Teleme	interfa	TBD	partiall		
0030#		SDPS	try via	ce		y met	ECS shall have	
A		CSMS	TDRSS				the capability	
							to interface	
							with the TDRSS	
							for obtaining	
							return	
							link (telemetry)	
							data from EOS	
							spacecraft (via	
							the EDOS/Ecom	
							interface).	
							Mission-specific	
							requirements	
							for supporting	
							EOS spacecraft	
							telemetry	
							operations will	
							be documented	
							in the EOS	
							mission	
							Detailed	
							Mission	
							Requirements	
							documents.	

NI-	В	FOS	Teleme	interfa	TBD	all		
0030#		SDPS	try via	ce			ECS shall have	
В		CSMS	TDRSS			nality	the capability	
						comple		
						l te	with the TDRSS	
							for obtaining	
							return	
							link (telemetry)	
							data from EOS	
							spacecraft (via	
							the EDOS/Ecom	
							interface).	
							Mission-specific	
							requirements	
							for supporting	
							EOS spacecraft	
							telemetry	
							operations will	
							be documented	
							in the EOS	
							mission	
							Detailed	
							Mission	
							Requirements	
							documents.	

NI-	A	FOS	Commu	interfa	TBD	fully	•	
0110#		CSMS	nicatio	ce		met	ECS shall have	
A			ns with				the capability	
			NCC				to communicate	
							with the NCC	
							via the Ecom	
							interface.	
NI-	В	FOS	Commu	interfa	TBD	no new		
0110#		CSMS	nicatio	ce		functio	ECS shall have	
В			ns with			nality	the capability	
			NCC				to communicate	
							with the NCC	
							via the Ecom	
							interface.	
NI-	A	FOS	TDRSS	interfa	TBD	fully		
0120#			Schedu	ce		met	ECS shall have	
A			le				the capability	
			Reques				to send TDRSS	
			ts to				schedule	
			NCC				requests to the	
							NCC.	
							These messages	
							will be defined	
							in the ICD	
							Between the	
							GSFC MOCs and	
							the	
							NCCDS.	

NI-	В	FOS	TDRSS	interfa	TBD	no new		
0120#			Schedu			l	ECS shall have	
В			le			nality	the capability	
			Reques				to send TDRSS	
			ts to				schedule	
			NCC				requests to the	
							NCC.	
							These messages	
							will be defined	
							in the ICD	
							Between the	
							GSFC MOCs and	
							the	
							NCCDS.	
NI-	Α	FOS	Schedu	linterfa	TBD	fully		
			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		1 122	1 411 3		
0130#			1e	ce		met	ECS shall have	
0130# A			le Result	1	132	. •	the capability	
			1e	1		. •	the capability to receive	
			le Result Messag es	1		. •	the capability to receive schedule result	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from	
			le Result Messag es	1		. •	the capability to receive schedule result messages from the NCC.	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages will be defined	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages will be defined in the ICD	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages will be defined in the ICD Between the	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages will be defined in the ICD Between the GSFC MOCs and	
			le Result Messag es from	1		. •	the capability to receive schedule result messages from the NCC. These messages will be defined in the ICD Between the	

NI-	В	FOS	Schedu	interfa	TBD	no new		
0130#			le	ce		functio	ECS shall have	
В			Result			nality	the capability	
			Messag				to receive	
			e s				schedule result	
			from				messages from	
			NCC				the NCC.	
							These messages	
							will be defined	
							in the ICD	
							Between the	
							GSFC MOCs and	
							the	
							NCCDS.	
NI-	A	FOS	TDRSS	interfa	TBD	fully		
		l				1 2022		
0140#			Schedu	ce		met	ECS shall have	
0140# A			Schedu les			ı •	the capability	
			Schedu les from			ı •	the capability to receive	
			Schedu les			ı •	the capability to receive TDRSS schedule	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These messages will	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These messages will be defined in	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These messages will be defined in the ICD	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These messages will be defined in the ICD Between the	
			Schedu les from			ı •	the capability to receive TDRSS schedule messages from the NCC. These messages will be defined in the ICD	

NI-	В	FOS	TDRSS	interfa	TBD	no new		
0140#			Schedu	ce		functio	ECS shall have	
В			les			nality	the capability	
			from				to receive	
			NCC				TDRSS schedule	
							messages from	
							the	
							NCC. These	
							messages will	
							be defined in	
							the ICD	
							Between the	
							GSFC MOCs and	
							the NCCDS.	

NI-	Α	FOS	Non-	interfa	TBD	TBD		
0150-			teleme	ce			ECS shall have	
a#A			try				the capability	
			Messag				to send other	
			es to				non-telemetry	
			NCC				data messages	
			1 CC				to the	
							NCC, which	
							includes at a	
							minimum	
							status and	
							reconfiguration	
							messages.	
							These	
							messages will	
							be defined in	
							the ICD	
							Between the	
							GSFC MOCs and	
							the NCCDS.	
							(Partial	
							Implementation	
							for Release A)	

NI-	В	FOS	Non-	interfa	TBD	TBD		\neg
0150-	_		teleme	ce			ECS shall have	
a#B			try				the capability	
			Messag				to send other	
			es to				non-telemetry	
			l				l	
			NCC				data messages	
							to the	
							NCC, which	
							includes at a	
							minimum	
							status and	
							reconfiguration	
							messages.	
							These	
							messages will	
							be defined in	
							the ICD	
							Between the	
							GSFC MOCs and	
							the NCCDS.	
							(Partial	
							Implementation	
							for Release A)	

NI-	В	FOS	Non-	interfa	TBD	TBD		
0150-			teleme	ce			ECS shall have	
b#B			try				the capability	
0 11 15			Messag				to send other	
			es to				non-telemetry	
			l				·	
			NCC				data messages	
							to the	
							NCC, which	
							includes at a	
							minimum	
							status and	
							reconfiguration	
							messages.	
							These	
							messages will	
							be defined in	
							the ICD	
							Between the	
							GSFC MOCs and	
							the NCCDS.	
							(Full	
							Implementation	
							for Release B)	

NI-	A	FOS	Non-	interfa	TBD	TBD	
0160#			teleme	ce			ECS shall have
A			try				the capability
			messag				to receive other
			e s				non-telemetry
			from				data messages
			NCC				from
							the NCC, which
							includes at a
							minimum
							status and
							reconfiguration
							messages.
							These messages
							will be defined
							in the ICD
							Between the
							GSFC MOCs and
							the
							NCCDS.

NI-	В	FOS	Non-	interfa	TBD	fully		\Box
0160#			teleme	ce		met	ECS shall have	
В			try				the capability	
			messag				to receive other	
			e s				non-telemetry	
			from				data messages	
			NCC				from	
							the NCC, which	
							includes at a	
							minimum	
							status and	
							reconfiguration	
							messages.	
							These messages	
							will be defined	
							in the ICD	
							Between the	
							GSFC MOCs and	
							the	
							NCCDS.	

NI-	A	FOS	GN,DSN	interfa	TBD	fully	
0170#			,WOTS	ce		met	ECS shall have
A			Conting				the capability
			ency				to communicate
			Schedu				with the NCC to
			ling				coordinate
							support from
							GN, DSN, and
							WOTS for EOS
							missions. This
							interface is
							defined
							in the
							Operations
							Interface
							Procedures
							Between the
							Network
							Control Center
							(NCC) and the
							Spaceflight
							Tracking and
							Data Network
							Users.

NI-	В	FOS	GN,DSN	interfa	TBD	no new		\neg
0170#			,WOTS	ce		functio	ECS shall have	
В			Conting			nality	the capability	
			ency				to communicate	
			Schedu				with the NCC to	
			ling				coordinate	
							support from	
							GN, DSN, and	
							WOTS for EOS	
							missions. This	
							interface is	
							defined	
							in the	
							Operations	
							Interface	
							Procedures	
							Between the	
							Network	
							Control Center	
							(NCC) and the	
							Spaceflight	
							Tracking and	
							Data Network	
							Users.	

NI-	A	FOS	Commu	interfa	TBD	partiall		
0210#		CSMS	nicatio	ce		y met	ECS shall have	
A			ns with				the capability	
			GN/DS				to communicate	
			N/WOT				with the GN,	
			S				DSN, and WOTS	
							via	
							the EDOS/Ecom	
							interface.	
NI-	В	FOS	Commu	interfa	TBD	all		
0210#		CSMS	nicatio	ce		functio	ECS shall have	
В			ns with			nality	the capability	
			GN/DS			comple	to communicate	
			N/WOT			t e	with the GN,	
			S				DSN, and WOTS	
							via	
							the EDOS/Ecom	
							interface.	

NI-	A	FOS	Comma	interfa	TBD	fully		
0220#		CSMS	nding	ce		met	ECS shall have	
A			via				the capability	
			GN/DS				to communicate	
			N/WOT				with the GN,	
			S				DSN, and WOTS	
							for	
							transmitting	
							commands to	
							EOS spacecraft	
							(via the	
							EDOS/Ecom	
							interface).	
							Mission-specific	
							requirements	
							for supporting	
							EOS spacecraft	
							command	
							operations will	
							be documented	
							in the EOS	
							mission-level	
							Detailed	
							Mission	
							Requirements	
							documents.	

NI-	В	FOS	Comma	interfa	TBD	no new	
0220#		CSMS	nding	ce			ECS shall have
В			via			nality	the capability
			GN/DS				to communicate
			N/WOT				with the GN,
			S				DSN, and WOTS
							for
							transmitting
							commands to
							EOS spacecraft
							(via the
							EDOS/Ecom
							interface).
							Mission-specific
							requirements
							for supporting
							EOS spacecraft
							command
							operations will
							be documented
							in the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents.

NI-	A	FOS	Teleme	interfa	TBD	partiall		
0230#		CSMS	try via	ce		y met	ECS shall have	
A			GN/DS				the capability	
			N/WOT				to interface	
			S				with the GN,	
							DSN, and WOTS	
							for	
							obtaining	
							return link	
							(telemetry)	
							data from EOS	
							spacecraft (via	
							the EDOS/Ecom	
							interface).	
							Mission-specific	
							requirements	
							for supporting	
							EOS spacecraft	
							telemetry	
							operations will	
							be documented	
							in the EOS	
							mission-level	
							Detailed	
							Mission	
							Requirements	
							documents.	

NI-	В	FOS	Teleme	interfa	TBD	all	
0230#		CSMS	try via			functio	ECS shall have
B			GN/DS			nality	the capability
			N/WOT			comple	
			S			te	with the GN,
							DSN, and WOTS
							for
							obtaining
							return link
							(telemetry)
							data from EOS
							spacecraft (via
							the EDOS/Ecom
							interface).
							Mission-specific
							requirements
							for supporting
							EOS spacecraft
							telemetry
							operations will
							be documented
							in the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents.

NI-	В	FOS	Non-	interfa	TBD	fully	
0240#			teleme	ce	122	met	ECS shall have
$\begin{bmatrix} 024011 \\ B \end{bmatrix}$			try			III C t	the capability
							to receive non-
			data				1
			from				telemetry data
			GN/DS				from the GN,
			N/WOT				DSN,
			S				and WOTS (via
							the EDOS/Ecom
							interface).
							Mission-specific
							requirements
							for
							supporting EOS
							spacecraft
							operations will
							be documented
							in the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents.

NI-	A	FOS	Expand	interfa	TBD	partiall		
0250#		CSMS	able	сe		y met	ECS shall be	
A			for				expandable to	
			DSN/W				support the	
			OTS				capability to	
			Schedu				communicate	
			ling				with the DSN	
							and WOTS to	
							schedule	
							support for EOS	
							spacecraft	
							beyond AM-1	
							(in accordance	
							with NASA	
							policy—and	
							procedures).	

NI-	В	FOS	Expand	interfa	TBD	all		
0250#		CSMS	able	ce		functio	ECS shall be	
В			for			nality	expandable to	
			DSN/W			comple	support the	
			OTS			t-e	capability to	
			Schedu				communicate	
			ling				with the DSN	
							and WOTS to	
							schedule	
							support for EOS	
							spacecraft	
							beyond AM-1	
							(in accordance	
							with NASA	
							policy and	
							procedures).	

NI-	С	FOS	Expand	interfa	TBD	all		
0250#		CSMS	able	ce		functio	ECS shall be	
C			for			nality	expandable to	
			DSN/W			comple	support the	
			OTS			t e	capability to	
			Schedu				communicate	
			ling				with the DSN	
							and WOTS to	
							schedule	
							support for EOS	
							spacecraft	
							beyond AM-1	
							(in accordance	
							with NASA	
							policy and	
							procedures).	
NI-	A	FOS	FDF	interfa	TBD	fully		
0310-		CSMS	Commu	ce		met	ECS shall have	
a#A			nicatio				the capability	
			n s				to communicate	
			Interfa				with the FDF	
			ce				via the Ecom	
							interface (FOS	
							and CSMS only).	

NI- 0310- a#B	В	FOS CSMS	FDF Commu nicatio ns Interfa	interfa ce	TBD	no new functio nality	ECS shall have the capability to communicate with the FDF via the Ecom interface (FOS	
NI- 0310- b#B	В	FOS SDPS CSMS	FDF Commu nicatio ns Interfa	interfa ce	TBD	no new functio nality	and CSMS only). ECS shall have the capability to communicate with the FDF via the Ecom interface (FOS, SDPS, CSMS)	
NI- 0330# B	В	FOS	Teleme try Subset s to FDF	interfa	TBD	fully met	ECS shall have the capability to send a subset of EOS spacecraft telemetry stream to the FDF, which includes the following: a. Attitude sensor data b. Navigation telemetry data c. Spacecraft maneuver telemetry data	

NI-	A	FOS	Planni	interfa	TBD	TBD	
0340-			ng &	ce			ECS shall have
a#A			Schedu				the capability
			ling				to receive
			Aids				planning and
			from				scheduling
			FDF				information for
							the EOS
							spacecraft and
							instruments
							from the FDF
							(FDF
							institutional
							products only).
							Mission-specific
							requirements
							for FDF support
							of EOS missions
							will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents and
							FDF-developed
	<u></u>						ICDs.

NI-	В	FOS	Planni	interfa	TBD	TBD	
0340-			ng &	ce			ECS shall have
a#B			Schedu				the capability
			ling				to receive
			Aids				planning and
			from				scheduling
			FDF				information for
							the EOS
							spacecraft and
							instruments
							from the FDF
							(FDF
							institutional
							products only).
							Mission-specific
							requirements
							for FDF support
							of EOS missions
							will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents and
							FDF-developed
							ICDs.

NI-	В	FOS	Planni	interfa	TBD	TBD	
0340-			ng &	ce			ECS shall have
b#B			Schedu	ا آ			the capability
"2			ling				to receive
			Aids				planning and
			from				scheduling
			FDF				information for
							the EOS
							spacecraft and
							instruments
							from the FDF
							(AM-1 mission-
							specific
							products).
							Mission-specific
							requirements
							for FDF support
							of EOS missions
							will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents and
							FDF-developed
							ICDs.
NI-	В	FOS	Comma	interfa	TBD	fully	
0350#			n d	ce		met	ECS shall have
В			param				the capability
			eters				to receive
			from				parameters
			FDF				necessary for

NI-	В	SDPS	O/A	interfa	TBD	TBD	
0360#			quality	ce			ECS shall have
В			checks				the capability
			to FDF				to send a
							notification of
							orbit or attitude
							quality
							checks and
							request
							updated
							(refined/repair
							ed) orbit or
							attitude data
							from the FDF
							when
							necessary.
							Mission-specific
							requirements
							for FDF support
							of EOS missions
							will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents
							and FDF-
							developed ICDs.

NI-	В	SDPS	O/A	interfa	TBD	TBD	
0365#			quality	l			ECS shall have
В			checks				the capability
I			from				to receive from
			FDF				FDF a
							notification of
							orbit or
							attitude quality
							checks.
							1
							Mission-specific
							requirements
							for FDF support
							of EOS
							missions will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents and
							FDF-developed
							ICDs.

NI-	В	SDPS	Orbit/	interfa	TBD	TBD	
0370-			Attitud				ECS shall have
a#B			e				the capability
			produc				to receive from
			ts from				FDF, at a
			FDF				minimum the
							following:
							a. Repaired
							Orbit data and
							associated
							metadata
							b. Repaired
							Attitude data
							and associated
							metadata
							Mission-specific
							requirements
							for FDF support
							of EOS missions
							will be
							documented in
							the EOS
							mission-level
							Detailed
							Mission
							Requirements
							documents and
							FDF-developed
							ICDs.

NI-	A	CSMS	NOLAN	interfa	TBD	TBD	
0400#			Interfa	ce			ECS shall have
A			ce				the capability
							to interface
							with NASA Data
							Processing
							Facilities
							(including the
							GSFC SDPF) via
							NOLAN to
							receive the
							following data
							(at a
							minimum):
							a. Science data
							b. Ancillary
							data
							c. Orbit data

NI-	В	CSMS	NOLAN	interfa	TBD	no new		
0400#			Interfa	ce		functio	ECS shall have	
В			ce			nality	the capability	
							to interface	
							with NASA Data	
							Processing	
							Facilities	
							(including the	
							GSFC SDPF) via	
							NOLAN to	
							receive the	
							following data	
							(at a	
							minimum):	
							a. Science data	
							b. Ancillary	
							data	
							c. Orbit data	

NI-	Ir1	CSMS	NOLAN	interfa	TBD	TBD		
0400#I			Interfa	ce			ECS shall have	
r 1			ce				the capability	
							to interface	
							with NASA Data	
							Processing	
							Facilities	
							(including the	
							GSFC SDPF) via	
							NOLAN to	
							receive the	
							following data	
							(at a	
							minimum):	
							a. Science data	
							b. Ancillary	
							data	
							c. Orbit data	
NI-	A	CSMS		interfa	TBD	fully		
0430#			Fault	ce		met	ECS shall have	
A			Notific				the capability	
			ations				to receive	
							notification of	
							faults in the	
							NOLAN network	
							that may affect	
							the quality of	
							NOLAN services	
							between ECS	
							and its users.	

NI-	В	CSMS	NOLAN	interfa	TBD	no new		
0430#			Fault	ce		functio	ECS shall have	
В			Notific			nality	the capability	
			ations				to receive	
							notification of	
							faults in the	
							NOLAN network	
							that may affect	
							the quality of	
							NOLAN services	
							between ECS	
							and its users.	
NI-	A	CSMS	NOLAN	interfa	TBD	fully		
0440#			Fault	ce		met	ECS shall have	
A			Status/				the capability	
			ETTR				to receive	
							information	
							regarding fault	
							status and	
							estimated time	
							to repair or	
							resolve NOLAN	
							faults that may	
							affect the	
							quality of	
							NOLAN services	
							between ECS	
							and its users.	

NI-	В	CSMS	NOLAN	interfa	TBD	no new		
0440#			Fault	ce		functio	ECS shall have	
В			Status/			nality	the capability	
			ETTR			Ţ	to receive	
							information	
							regarding fault	
							status and	
							estimated time	
							to repair or	
							resolve NOLAN	
							faults that may	
							affect the	
							quality of	
							NOLAN services	
							between ECS	
							and its users.	
NI-	A	CSMS	NOLAN	interfa	TBD	fully		
0450#			Fault	ce		met	ECS shall have	
A			Summa				the capability	
			ries				to receive	
							periodic	
							summary	
							information	
							about faults	
							that may have	
							affected the	
							quality of	
							NOLAN services	
							between ECS	
							and its users.	

NI-	В	CSMS	NOLAN	interfa	TBD	no new		
0450#			Fault	ce			ECS shall have	
В			Summa	-		nality	the capability	
			ries				to receive	
							periodic	
							summary	
							information	
							about faults	
							that may have	
							affected the	
							quality of	
							NOLAN services	
							between ECS	
							and its users.	
NI-	A	CSMS	NOLAN	interfa	TBD	fully		
0460#			Perfor	ce		met	ECS shall have	
A			mance				the capability	
			/Link				to receive	
			Utilizat				periodic	
			ion				information	
							regarding	
							NOLAN network	
							performance	
							and link	
							utilization.	

NI- 0460# B	В	CSMS	NOLAN Perfor mance /Link Utilizat ion	interfa ce	TBD	no new functio nality	ECS shall have the capability to receive periodic information regarding NOLAN network
							performance and link utilization.
NI- 0470# A	A	CSMS	NOLAN Securit y Breach es	interfa ce	TBD	fully met	ECS shall have the capability to receive notifications of security breaches at NOLAN sites or within the NOLAN network that could potentially affect ECS sites.

NI-	В	CSMS	NOLAN	interfa	TBD	no new		
0470#		CDIVID	Securit				ECS shall have	
B			y			nality	the capability	
			Breach				to receive	
			e s				notifications of	
							security	
							breaches at	
							NOLAN sites or	
							within the	
							NOLAN network	
							that could	
							potentially	
777		GGN FG	Foo		TTDD	C 11	affect ECS sites.	
NI-	A	CSMS	ECS	interfa	TBD	fully		
0480#			Securit	ce		met	ECS shall have	
A			У				the capability	
			Breach				to send to	
			es to				NOLAN	
			NOLAN				notifications of	
							security	
							breaches at ECS	
							facilities that	
							could affect	
							NOLAN and	
							other EOSDIS	
							sites.	

NI-	В	CSMS	ECS	interfa	TBD	no new	
0480#			Securit	ce		functio	ECS shall have
В			у			nality	the capability
			Breach				to send to
			es to				NOLAN
			NOLAN				notifications of
							security
							breaches at ECS
							facilities that
							could affect
							NOLAN and
							other EOSDIS
							sites.

NI-	В	FOS	ECS	interfa	TBD	fully		
1000#		SDPS	RMA	ce		met	ECS functions	
В		CSMS					shall have an	
							operational	
							availability	
							(computed as	
							defined in the	
							Functional and	
							Performance	
							Requirements	
							Specification for	
							the ECS) of 0.96	
							at a minimum	
							and a Mean	
							Down Time	
							(MDT) of four	
							(4) hours or	
							less, unless	
							otherwise	
							specified.	

NI-	В	FOS	RMA-	interfa	TBD	fully		
1010#			critical	ce		met	The ECS FOS	
В			real				shall have an	
			time				operational	
			functio				availability of	
			n s				0.9998 at a	
							minimum and a	
							MDT of one (1)	
							minute or less	
							for critical real	
							time functions	
							that support:	
							a. Launch	
							b. Early orbit	
							checkout	
							c. Disposal	
							d. Orbit	
							adjustment	
							e. Anomaly	
							investigation	
							f. Recovery	
							from safe mode	
							g. Routine real	
							time	
							commanding	
							and associated	
							monitoring for	
							spacecraft and	
							instrument	
							health and	
							safety	

NI-	В	FOS	RMA	interfa	TBD	fully		
1030#			for	ce		met	The ECS FOS	
В			non-				shall have an	
			critical				operational	
			RT				availability of	
			functio				0.99925 at a	
			n s				minimum and a	
							MDT of five (5)	
							minutes or less	
							for non-critical	
							real time	
							functions.	

NI-	A	FOS	Loop	interfa	TBD	no new		
1060#		CSMS	Delay-	ce		functio	The ECS shall	
A			Emerge			nality	contribute a	
			ncy RT				loop delay of	
			Comma				not greater	
			n d s				than 2.5	
							seconds of the	
							total	
							system delay of	
							five (5) seconds	
							for emergency	
							real time	
							commands, not	
							including the	
							time needed for	
							command	
							execution. The	
							loop delay is	
							measured	
							from the	
							originator to	
							the	
							spacecraft/instr	
							ument and back	
							and only	
							applies when a	
							TDRSS link is	
							available for	
							contact to the	
							spacecraft.	

NI-	В	FOS	Loop	interfa	TBD	fully	
1060#		CSMS	Delay-	ce		met	The ECS shall
В			Emerge				contribute a
			ncy RT				loop delay of
			Comma				not greater
			n d s				than 2.5
							seconds of the
							total
							system delay of
							five (5) seconds
							for emergency
							real time
							commands, not
							including the
							time needed for
							command
							execution. The
							loop delay is
							measured
							from the
							originator to
							the
							spacecraft/instr
							ument and back
							and only
							applies when a
							TDRSS link is
							available for
							contact to the
				<u> </u>		<u> </u>	spacecraft.